

## MONTHLY CALCULATED PARAMETER WORKSHEET - September 2017

---

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
00011	Temperature, Effluent °F From Monthly Status Reports	Week 1 Average: 89 °F Week 2 Average: 82 °F Week 3 Average: 81 °F Week 4 Average: 85 °F Week 5 Average: 86 °F	84.6 °F (= average of raw data) 90 °F Monthly Max (from Monthly Status Reports)
00145	BOD <sub>5</sub> Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	BOD <sub>5</sub> 4 mg/L 0.2328338 MGD	7.767335568 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	BOD <sub>5</sub> 4 mg/L 0.390722 MGD	13.03448592 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00400	pH From Monthly Status Reports	Minimum 7.9 SU Maximum 8.4 SU	

## MONTHLY CALCULATED PARAMETER WORKSHEET - September 2017

---

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value				
00530	Total Suspended Solids						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>11</td><td>mg/L</td></tr> <tr><td>0.2328338</td><td>MGD</td></tr> </table> <span style="margin-left: 20px;">21.36017281 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)</span>	11	mg/L	0.2328338	MGD
11	mg/L						
0.2328338	MGD						
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>11</td><td>mg/L</td></tr> <tr><td>0.390722</td><td>MGD</td></tr> </table> <span style="margin-left: 20px;">35.84483628 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)</span>	11	mg/L	0.390722	MGD
11	mg/L						
0.390722	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						
00610	Ammonia (as N)	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.2328338</td><td>MGD</td></tr> </table> <span style="margin-left: 20px;">0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)</span>	9		0.2328338	MGD
9							
0.2328338	MGD						
	Results from Lab analysis	Ammonia					
	Flow results from Parameter Code 50500						
00630	Nitrite plus Nitrate						
	Results from Lab analysis	Nitrite	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0.027</td><td>(a) mg/L</td></tr> <tr><td>21.2</td><td>(b) mg/L</td></tr> </table> <span style="margin-left: 20px;">21.227 mg/L (= a + b)</span>	0.027	(a) mg/L	21.2	(b) mg/L
0.027	(a) mg/L						
21.2	(b) mg/L						
	Results from Lab analysis	Nitrate					
00745	Sulfide, total	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.2328338</td><td>MGD</td></tr> </table> <span style="margin-left: 20px;">0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)</span>	9		0.2328338	MGD
9							
0.2328338	MGD						
	Results from Lab analysis	Sulfide					
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	Sulfide	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0</td><td>mg/L</td></tr> <tr><td>0.390722</td><td>MGD</td></tr> </table> <span style="margin-left: 20px;">0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)</span>	0	mg/L	0.390722	MGD
0	mg/L						
0.390722	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						

## MONTHLY CALCULATED PARAMETER WORKSHEET - September 2017

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
01034	Chromium, total	NODI	
	Results from Lab analysis	Chromium	9 mg/L 0.2328338 MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Chromium	000 0 mg/L 0.390722 MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
01034	Phenols	NODI	
	Results from Lab analysis	Phenolics	< 9 mg/L 0.2328338 MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Phenolics	< 0 mg/L 0.390722 MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
50050	Flow		
	From Monthly Status Reports	Week 1 Average: Week 2 Average: Week 3 Average: Week 4 Average: Week 5 Average:	139696 gal/d 212290 gal/d 223859 gal/d 259065 gal/d 329259 gal/d
			0.233 MGD (= average of raw data/1,000,000)
			0.391 MGD Monthly Max (from Monthly Status Reports)

## MONTHLY CALCULATED PARAMETER WORKSHEET - September 2017

---

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value																														
51040	e-Coli (April - Oct)	NODI																															
	Results from Lab analysis	Week 1 Result: <table border="1"><tr><td>&lt;</td><td>10</td><td>CFU/100mL</td></tr><tr><td></td><td></td><td></td></tr></table> Week 2 Result: <table border="1"><tr><td>&lt;</td><td>10</td><td>CFU/100mL</td></tr><tr><td></td><td></td><td></td></tr></table> Week 3 Result: <table border="1"><tr><td>&lt;</td><td>10</td><td>CFU/100mL</td></tr><tr><td></td><td></td><td></td></tr></table> Week 4 Result: <table border="1"><tr><td>&lt;</td><td>10</td><td>CFU/100mL</td></tr><tr><td></td><td></td><td></td></tr></table> Week 5 Result: <table border="1"><tr><td></td><td></td><td>CFU/100mL</td></tr><tr><td></td><td></td><td></td></tr></table>	<	10	CFU/100mL				<	10	CFU/100mL				<	10	CFU/100mL				<	10	CFU/100mL						CFU/100mL				9 10 10 10 10 CFU/100mL (= average of raw data/1,000,000)
<	10	CFU/100mL																															
<	10	CFU/100mL																															
<	10	CFU/100mL																															
<	10	CFU/100mL																															
		CFU/100mL																															
81017	Chemical Oxygen Demand	NODI																															
	Results from Lab analysis	COD																															
	Flow results from Parameter Code 50500 (Avg)	<table border="1"><tr><td>9</td><td>mg/L</td></tr><tr><td>0.2328338</td><td>MGD</td></tr></table>	9	mg/L	0.2328338	MGD	0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)																										
9	mg/L																																
0.2328338	MGD																																
	Results from Lab analysis	COD																															
	Flow results from Parameter Code 50500 (Max Daily)	<table border="1"><tr><td></td><td>mg/L</td></tr><tr><td>0.390722</td><td>MGD</td></tr></table>		mg/L	0.390722	MGD	0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)																										
	mg/L																																
0.390722	MGD																																